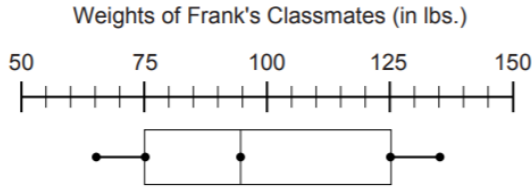


Multiple Choice:

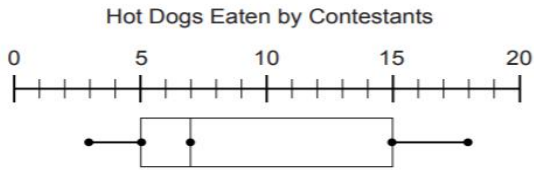
1.



According to the box-and-whisker plot, what was the lower quartile weight of Frank's classmates?

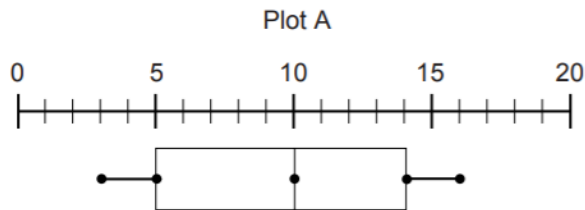
- (a) 65
- (b) 75
- (c) 95
- (d) 125

2.



According to the box-and-whisker plot, what was the maximum number of hot dogs eaten in the hot dog eating contest?

- (a) 3
- (b) 7
- (c) 15
- (d) 18

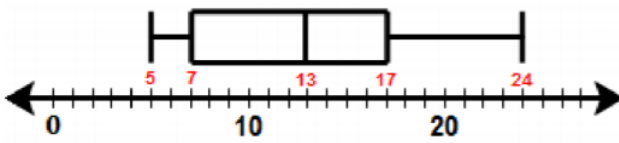


What is the median of the data set represented by the box-and-whisker plot?

- (a) 5
- (b) 10
- (c) 15
- (d) 16

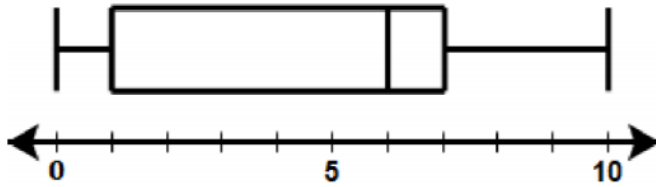
3

What is the range of the following box and whisker plot:



- A) 19 B) 10 C) 13 D) 24

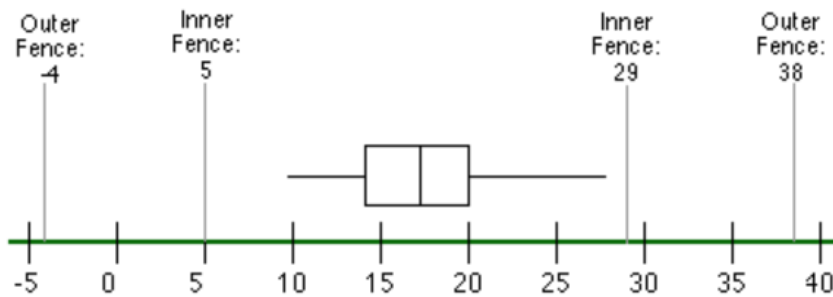
Consider the following Basic Box & Whisker Plot.



What is the **Interquartile Range (IQR)** of the data set shown in the graph?

- a. 0 c. 6
 b. 1 d. 10

In the box plot, where is the 75th percentile located?



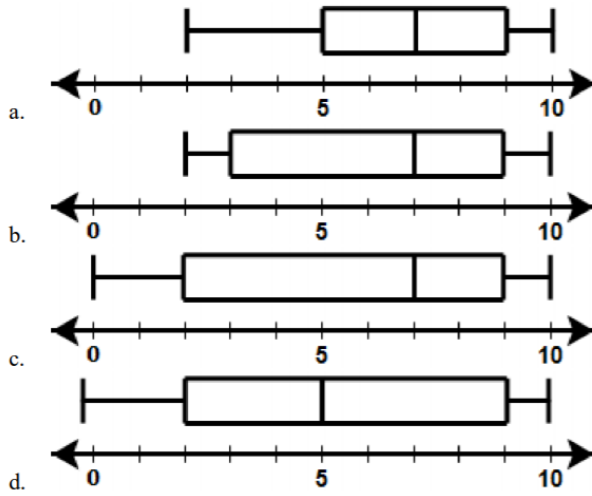
- a. at 17
b. at 20
 c. at 29
 d. somewhere between 20 and 38

7.

Consider the following Ordered Data Set.

2, 3, 5, 7, 7, 9, 10

Which is a correct box and whisker plot of the data above?

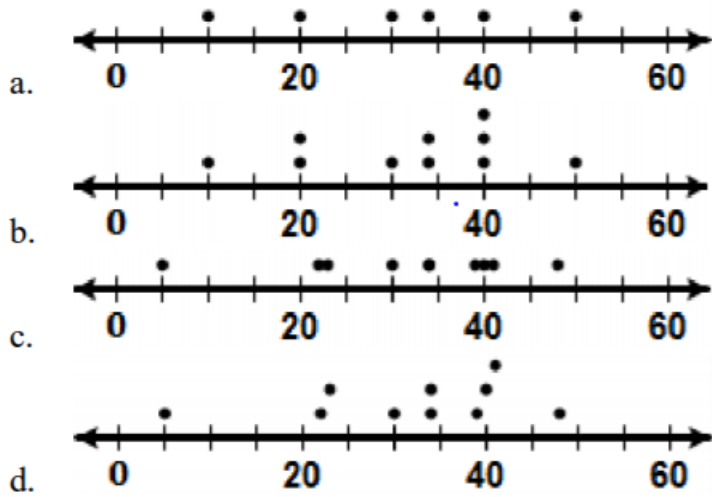


8.

Consider the following Ordered Data Set.

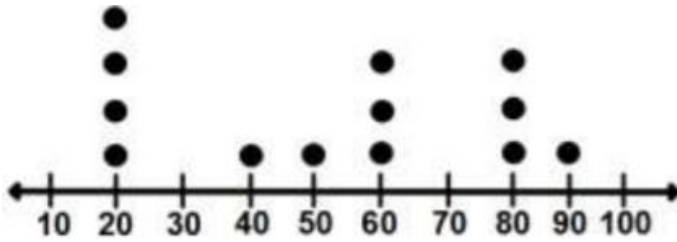
5, 22, 23, 30, 34, 34, 39, 40, 41, 48

Which line plot below best represents the data set?



Answer the following 4 questions using the dot plot below:

The dot plot represents student scores on a math test.



9. How many students took the test?

- A) 6 B) 90 C) 13 D) 20

10. What is the center score?

- A) 60 B) 50 C) 40 D) 55.5

11. What is the mode?

- A) 60 and 80 B) 20 C) 20 and 60 and 80 D) None

12. How many students scored at least 60 on the test?

- A) 3 B) 4 C) 11 D) 7